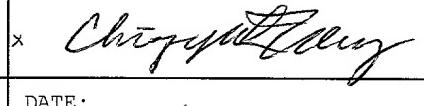
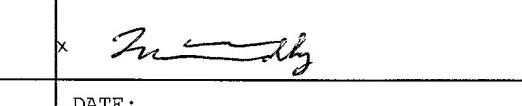
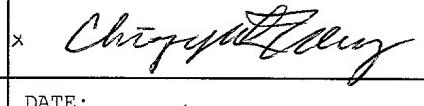
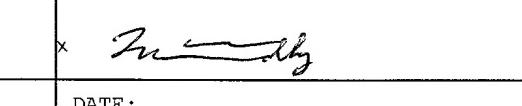


APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, and the title as set forth below which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

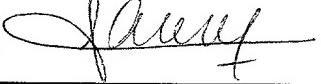
TITLE OF INVENTION: Circuit for Precise Measurement of the Average Value of the Outputs of Multiple Circuit Unit Elements		
POWER OF ATTORNEY: I HEREBY APPOINT PRACTITIONERS AT CUSTOMER NUMBER 23494 TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH		
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:
Alan K. Stewart Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265		Alan K. Stewart 972/917-5466
NAME OF INVENTOR: Alexander Bugeja	NAME OF INVENTOR: Ching-yuh Tsay	NAME OF INVENTOR: Irfan A. Chaudhry
RESIDENCE & POST OFFICE ADDRESS: 12576 Audelia Road, #701 Dallas, Texas 75243	RESIDENCE & POST OFFICE ADDRESS: 4613 Portrait Lane Plano, Texas 75024	RESIDENCE & POST OFFICE ADDRESS: 7301 Alma Drive, #2236 Plano, Texas 75025
COUNTRY OF CITIZENSHIP: Malta	COUNTRY OF CITIZENSHIP: United States	COUNTRY OF CITIZENSHIP: Pakistan
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 
DATE:  x 7/28/2000	DATE:  x 9/28/2000	DATE:  x 07/31/2000

ATTORNEY'S DOCKET NO.
TI-30312

APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

TITLE OF INVENTION:

Circuit for Precise Measurement of the Average Value of the
Outputs of Multiple Circuit Unit Elements

NAME OF INVENTOR: Mounir Fares	NAME OF INVENTOR: N/A	NAME OF INVENTOR: N/A
RESIDENCE & POST OFFICE ADDRESS: 540 Buckingham Road, #224 Richardson, Texas 75081	RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:
COUNTRY OF CITIZENSHIP: Algeria	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
DATE: 7/28/2000	DATE:	DATE: